

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1) (Original) A method for transmitting data in a telecommunication system including at least a first and a second transceiver linked together by means of at least one communication channel, at least one of which transceivers being mobile, which method includes the following steps:

.a spreading step for spreading said data over a plurality of components, and
.an equalization step in the course of which each of the components resulting from the spreading step is multiplied by a predetermined equalization value representative of communication conditions within the communication channel, method characterized in that at least one predetermined equalization value is also representative of a Doppler effect resulting from a movement of the mobile transceiver and adversely affecting the communication conditions within the communication channel.

2) (Currently Amended) A method as claimed in claim 1, in which, each predetermined equalization value including a parameter representative of a noise level in said communication channel, said predetermined equalization value further includes an ~~additional~~ additional noise parameter representative of said Doppler effect.

3) (Currently Amended) A method as claimed in claim 2, in which, the communication conditions within the communication channel being modeled by means of a study of the effects of said conditions on at least one incoming signal previously received by the mobile transceiver through said communication channel, the ~~additional~~ additional noise parameter representative of

said Doppler effect features a variance intended to increase with an amount of time elapsed since said incoming signal has been received by the mobile transceiver.

4) (Currently Amended) A method as claimed in claim 2, in which, the communication conditions within the communication channel being modeled by means of a study of the effects of said conditions on at least one incoming signal previously received by the mobile transceiver through said communication channel, the ~~additional~~ additional noise parameter representative of said Doppler effect features a constant variance whose value has been averaged over a time interval between two successive incoming signals.

5) (Currently Amended) A method as claimed in ~~any one of claims~~ claim 1 to 4, in which the equalization step is intended to be carried out by the mobile transceiver on components of a signal intended to be transmitted by said mobile transceiver.

6) (Currently Amended) A method as claimed in ~~any one of claims~~ claim 1 to 4, in which the equalization step is intended to be carried out by the mobile transceiver on components of a signal received by said mobile transceiver.

7) (Original) A telecommunication system including at least a first and a second transceiver linked together by means of at least one communication channel, at least one of which transceivers being mobile, which system includes:

- . spreading means for spreading data to be transmitted through said communication channel over a plurality of components, and

. equalization means intended to multiply each of the components outputted by the spreading means by a predetermined equalization value representative of communication conditions within the communication channel, telecommunication system characterized in that at least one predetermined equalization value is also representative of a Doppler effect resulting from a movement of the mobile transceiver and adversely affecting the communication conditions within the communication channel.

8) (Currently Amended) A telecommunication system as claimed in claim 7, in which, each predetermined equalization value including a parameter representative of a noise level in said communication channel, said predetermined equalization value further includes an ~~additional~~ additional noise parameter representative of said Doppler effect.

9) (Currently Amended) A telecommunication system as claimed in claim 8, in which, the communication conditions within the communication channel being modeled by means of a study of the effects of said conditions on at least one incoming signal previously received by the mobile transceiver through said communication channel, the ~~additional~~ additional noise parameter representative of said Doppler effect features a variance intended to increase with an amount of time elapsed since said incoming signal has been received by the mobile transceiver.

10) (Currently Amended) A telecommunication system as claimed in claim 8, in which, the communication conditions within the communication channel being modeled by means of a study of the effects of said conditions on at least one incoming signal previously received by the mobile transceiver through said communication channel, the ~~additional~~ additional noise parameter representative of said Doppler effect features a constant variance whose value has been averaged over a time interval between two successive incoming signals.

11) (Currently Amended) A mobile transceiver to be included in a telecommunication system as claimed in ~~any one of claims~~ claim 7 to 10, in which mobile transceiver the equalization means are arranged upstream of a transmitting stage, and intended to process components of a signal to be transmitted by said transmitting stage.

12) (Currently Amended) A mobile transceiver to be included in a telecommunication system as claimed in ~~any one of claims~~ claim 7 to 10, in which mobile transceiver the equalization means are arranged downstream of a receiving stage, and intended to process components of a signal received by said receiving stage.

13) (Currently Amended) A radio signal transmitted through a communication channel by means of a telecommunication system as claimed in ~~any one of claims~~ claim 7 to 10 ~~or by use of a method as claimed in any one of claims 1 to 6.~~

14) (New) A radio signal transmitted through a communication channel by use of a method as claimed in claim 1.